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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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October 24, 2003

Mr. Roy Schepens
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN H6-60
Richland, Washington 99352

RECEIVED
OCT 28 2003
EDMC

Dear Mr. Schepens:

Re: Completion of Hanford Federal Facility Agreement and Consent Order (HFFACO)
Milestone M-48-02, Final Report on Ultrasonic Test Equipment for Assessing the
Lower Knuckle Region of the Double-Shell Tanks (DSTs), 03-TOD-063, dated
September 4, 2004

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The Washington State Department of Ecology (Ecology) has reviewed the final report on the deployment of the extended arm and Tandem Synthetic Aperture Focus Technique (TSAFT) ultrasonic test equipment to assess the lower knuckle region of the DSTs. The deployment of this equipment allows the United States Department of Energy – Office of River Protection to measure pitting and wall thickness and to detect cracks at the high stress region of the lower knuckle. The deployment of this technology closes out HFFACO Milestone M-48-02.

If you have any questions regarding this milestone close out, please contact Brenda Jentzen at (509) 736-5707 or me at (509) 736-3098.

Sincerely,

Jeffery J. Lyon
Tank Waste Storage Project Manager
Nuclear Waste Program

BKJ:ikd

cc: Victor Callahan, USDOE
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